*Information Paper*

**Australian Bureau of Statistics**

# September 1990
# Labour Force Status and Other Characteristics of Migrants Australia

# Unit Record File on Magnetic Tape

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# INFORMATION PAPER
# LABOUR FORCE STATUS AND OTHER
# CHARACTERISTICS OF MIGRANTS
# AUSTRALIA, SEPTEMBER 1990

# UNIT RECORD FILE ON MAGNETIC TAPE

IAN CASTLES
Australian Statistician

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## APPENDIXES

| INQUIRIES | • *for further information about the availability of the Unit Record Tape*, contact Mr Darren Pennay on Canberra (06) 252 6504. |
|---|---|
| | • *for information about other ABS statistics and services* please refer to the last page of this publication. |

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# UNIT RECORD FILE ON MAGNETIC TAPE

## Introduction
This publication provides information about the availability of a magnetic tape containing unit record data from the September 1990 Labour Force Status and Other Characteristics of Migrants Survey, (MIG). Results for this survey were published in *Labour Force Status and Other Characteristics of Migrants, September 1990* (6250.0).

2. The *Census and Statistics Act 1905* has provision for the release of unit records where the information is not likely to enable the identification of a particular person or organisation. A unit record file containing data from the September 1990 Labour Force Status and Other Characteristics of Migrants Survey has been prepared. It contains no names or addresses and the detail for some items of data has been suppressed or reduced. The file is available on magnetic tape or floppy disk under certain conditions of sale which are specified in the following pages. Subject to the limitations of sample size and the data classifications used, it is possible for users to manipulate the data, produce tabulations and undertake statistical analyses to their own specifications.

## Magnetic tape formats
3. Details of magnetic tape formats, tape labelling options, recording densities, code sets available, etc., are given in Appendix A.

## File structure
4. The unit record file is distributed on a single reel of magnetic tape containing four separate files, one of which is a data file. Details of the structure of labels on the magnetic tape are given in Appendix B. Data on each file is stored in standard character format - one alpha/numeric digit per byte.

## Record structure
5. There are four files on the magnetic tape.

6. File 1 contains person records (each 62 characters in length). When these records are weighted by the expansion factor held on each record, a population estimate of 13,104,281 persons is produced. Some minor discrepancy should be accepted in weighted estimates due to rounding. File 2 is a 'print file' in that it contains standard ANSI control characters. Each record is 133 bytes in length (the first being the print control character). This file contains extensive documentation about the data in File 1.

7. File 3 is a compressed and formatted version of File 2. Each record in this file contains 148 bytes. The basic difference between Files 2 and 3 is that, in File 3, superfluous blank characters have been suppressed, and fields have been placed in specific positions within the records together with identifiers to enable interpretation. Details for the record structure of this file are given in Appendix D. File 4 is a copyright warning file containing a single 80 character record in a single 80 character block.

## Scope
8. The scope of this supplementary survey was the same as that used for the labour force survey (described in full in *The Labour Force, Australia* (6203.0)), except that it was restricted to persons who were not born in Australia and who arrived in Australia after 1970 aged 18 or more and were allowed to stay permanently. In addition, the survey excluded students who were boarding at school, some patients in hospitals and sanatoriums and inmates of reformatories, gaols, etc.

## Definitions and descriptions of data items
9. Appendix D, which is held as the 'Print File' (file 2) on the magnetic tape, presents a complete list of data items on the sample file, together with their classifications. For definitions used in the survey, refer to *Labour Force Status and Other Characteristics of Migrants, September 1990* (6250.0).

## Using the data
*Classifications*
10. The detail for some variables has been reduced to avoid the release of identifiable information. These variables are shown with an asterisk in Appendix C.

*Effects of sampling and use of 'weights'*
11. The September 1990 Labour Force Status and Other Characteristics of Migrants Survey was based on a sample of dwellings and covered about 0.6 per cent of the population of Australia. As the survey was conducted at only a sample of all households in Australia, estimates derived from the unit record tape must take account of the method of sample selection.

12. One of the fields on the unit record file contains a 'weight' for each person in the sample. This 'weight' takes account of the person's probability of selection in the sample from his/her region, with an adjustment to account for underenumeration.

13. If estimates of population sub-groups are to be derived from the unit record file, it is essential that they are calculated by adding the 'weight' of the persons in each category, not just by counting the number of persons falling into each category. If each person's weight were to be ignored then no account would be taken of the fact that a person's chance of being selected in the survey varied from region to region and the resulting estimates would be seriously biased.

*Estimation procedure*
14. Estimates derived from the survey are obtained by using a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population for each capital city and remainder of State by age and sex in the complete population rather than to the corresponding distribution within the sample itself.

**Conditions of Sale**

15. The MIG unit record file is released under strict conditions. Before completing the unit record file order forms, clients should read carefully the conditions of sale described in Appendix E.

16. The unit record file is released in accordance with a Ministerial Determination (Statutory Rules 1983, No. 19) in pursuance of Section 13 of the Census and Statistics Act 1905. As required by the Determination, the unit record file has been designed so that the information on the file is not likely to enable the identification of particular persons.

17. In pursuance of Clause 7, the Determination requires clients to sign an undertaking (see Appendix F) stating that the information will be used for statistical purposes only.

18. Use of data for statistical purposes means use by the person or organisation to produce information of a statistical nature. Examples of such uses are:

(a) the manipulation of data to produce means, correlations or other descriptive or summary measures;

(b) the estimation of population characteristics from sample data;

(c) the use of data as input to mathematical models and for other types of analysis (e.g. factor analysis); and

(d) to provide graphical and pictorial representations of characteristics of the population or sub-sets of the population.

19. The following are examples of non-statistical purposes:

(a) transmitting or allowing access to unit record data in part or whole to any other person/organisation (other potential users of the data for statistical purposes must therefore make separate application to the ABS);

(b) transmitting of, or allowing access to any other person/organisation to any information based on the unit record data which comprises only one record; and

(c) attempting to match unit record data in whole or part with any other information for the purposes of identifying individuals.

20. Use of the data for improper purposes may render the user liable to severe penalties. For information about the propriety of any particular intended use of the data, please contact Mr Darren Pennay, Assistant Director, Labour Force Section, on Canberra (06) 252 6504.

21. Other conditions of issue are:

statistical tables, graphs, etc., obtained from analysis of the unit record file may be further disseminated provided that the purchaser agrees:

• to indicate that the ABS is the source of the data used;

• not to attribute any analysis or transformation of the data to the ABS; and

• to use the terminology currently used by the ABS for describing data;

22. While the utmost care will be taken in preparing and handling each tape, deterioration may occur between the time of copying and receipt of the tape. Accordingly, if the tape is unreadable on receipt and this is reported to the ABS within 28 days of dispatch, it will be recopied free of charge. As an added precaution at least one security copy of the tape should be made on receipt.

**How to order**

23. Appendixes E and F of this publication contain an order form (MIG/1) and the Undertaking (MIG/2), together with a guide for completing them. Orders should be submitted on these forms.

# APPENDIX A

## MAGNETIC TAPE FORMATS

All data on magnetic tape from household sample surveys are supplied from the ABS Canberra office and encoded by a FACOM M780 computer. All tapes are of standard dimensions (730m x 12.7mm) and use 9 tracks.

### Tape labelling conventions

Three labelling options are available:
(a) FACOM Standard Label (same as IBM Standard Label). A label block consists of an 80 character EBCDIC coded fixed format record prefixed as for Australian Standard Labels but with some fields containing different information. However, the contents of the main fields are the same as for ANSI X3.27 labels. See Appendix B;

(b) Australian Standard Label (ANSI X3.27 - 1978 and AS 1068 - 1971). A label block consists of an 80 character ASCII coded fixed format record prefixed by the characters VOL1, HDR or EOF. For a complete description see Appendix B;

(c) Unlabelled.

Note: All data files labelled and unlabelled will be encoded using either ASCII or EBCDIC Code Sets and will be blocked. The last file of data will be terminated by two consecutive tape marks. Although the ABS can supply unlabelled tapes from the M780 computer, the practice is strongly discouraged.

### Recording densities

There are two recording densities available, and these are phase encoded 63 RPmm (1600 BPI) and 246 RPmm (6250 BPI).

### Code sets

Two code sets are available:

(a) ASCII Code Set (AS1776 - 1975) which requires a minimum of 7 bits for representation. ABS always writes this code in 8-bit representation with the high order bit set to zero. This code cannot be represented on tapes with FACOM Standard Labels.

(b) EBCDIC Code Set. ABS always writes this code in 8 bit representation. This code will not be represented on tapes with ANSI labels.

### Block sizes

The block sizes will usually be as close as possible to 2048 characters which is the maximum block size allowed for ANSI labelled tapes. Block sizes are not a user option.

### Provision of magnetic tapes

The unit record file will be supplied on ABS tapes. These are 730m x 12.7mm new tapes.

### Initialising arrangements for magnetic tapes

All tapes will be initialised by the ABS under its Tape Management System (TMS). Labelled tapes will be allocated volume serial numbers (VSNs) by the ABS and hardcopy of the label details will be supplied to the user. The user may specify an expiry date on the order form. Unlabelled tapes can also be provided.

# APPENDIX B

## MAGNETIC TAPE VOLUME AND DATA SET LABELS

**Section A — FACOM Standard Labels (same as IBM Standard Labels)**
Each label is one 80-byte record containing various attributes of the data set or reel. EBCDIC code is used.

There are five kinds of labels, as shown in Figure 1.

**Figure 1. FACOM Standard Labels (same as IBM Standard Labels)**
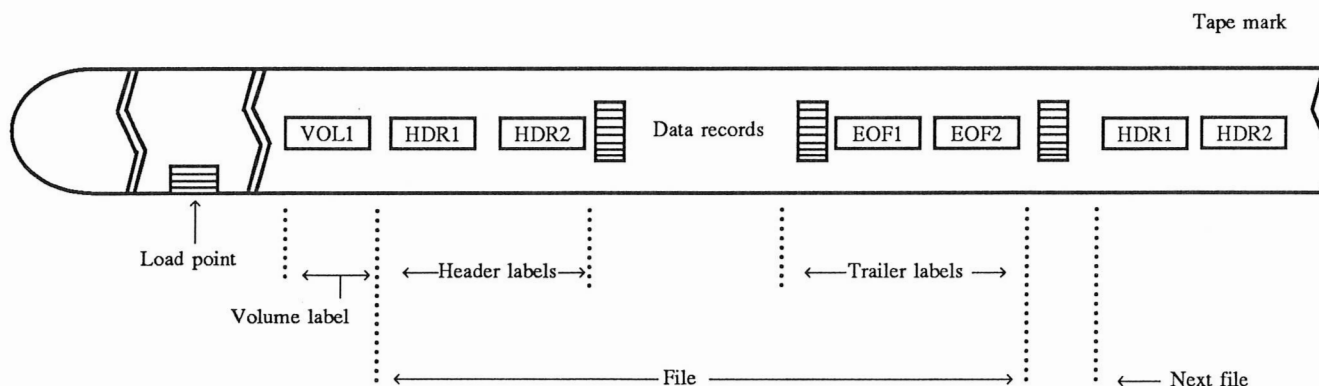


*Volume label*
One volume label exists as the first block on each reel. This label contains the volume serial number (VSN), owner name, and other data pertinent to this reel. A volume label is characterized by its first four characters: VOL1.

*Header labels*
Two header labels are written at the front of each file: header label 1 (HDR1) and the header label 2 (HDR2). The former contains an identification of this file, the latter contains various attributes.

*Trailer labels*
Two trailer labels are written at the end of each file: trailer label 1 (EOF1) and trailer label 2 (EOF2). As can be seen from Figure 1, header and trailer labels are paired for each file on the volume. Trailer labels are quite similar to header labels, since reel processing does not always start from the front of a file, for example when reading backwards.

**Figure 2. Standard volume label**



| | |
|---|---|
| 1 | (3) |
| 4 | |
| 5 | |
| | (6) |
| 11 | |
| | (31) Reserved |
| 42 | |
| | (10) |
| 52 | |
| | (29) Reserved |
| 80 | |

1 Label name 'VOL'

2 Label number '1'

3 Volume serial number (VSN)

4 Owner name
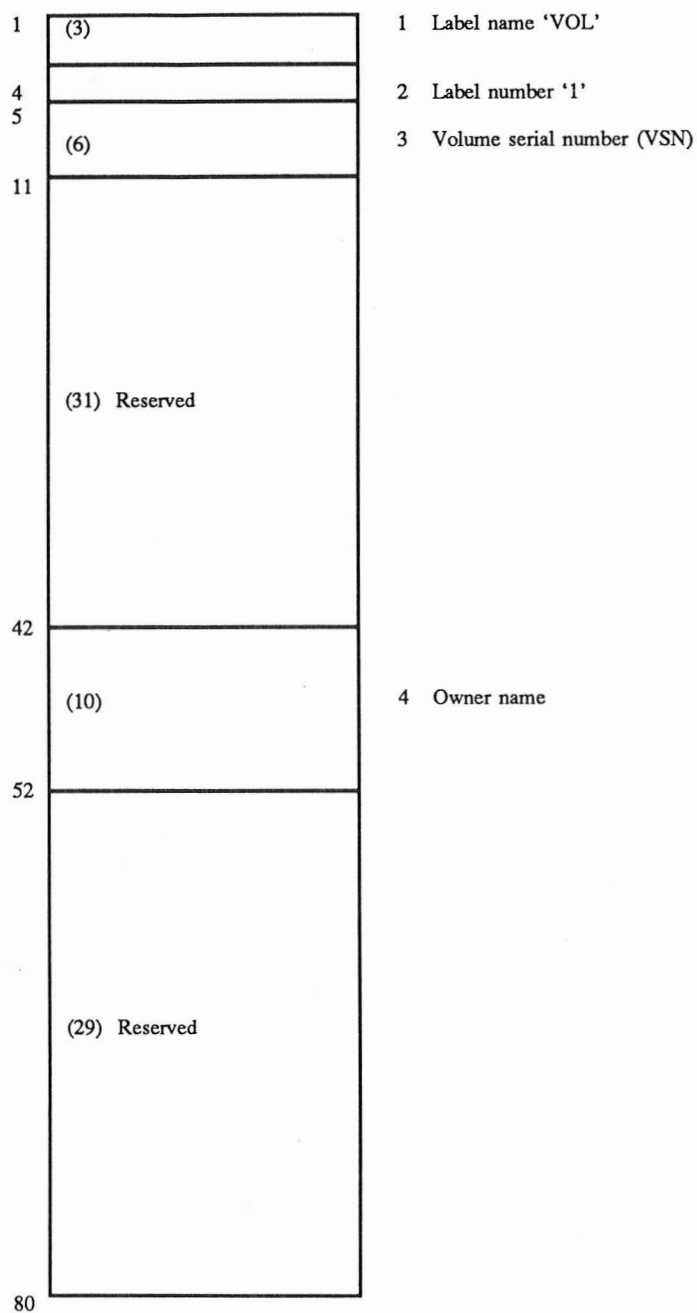
Note: Reserved – all blank

**Standard volume label format:**
Refer to Figure 2.

1     *Label name*. Indicates that the label is a volume label; always 'VOL'.

2     *Label number*. This is the sequence number of the volume label. There is only one volume label for a standard label reel; hence, its sequence number is always '1'.

3     *Volume serial number (VSN)*. One to six EBCDIC characters. Used to cite a specific volume. Externally readable label on the reel should agree with this serial number for operating convenience.

4     *Owner name*. Arbitrary identifier of up to ten EBCDIC characters.

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Figure 3.  First standard header or trailer label for a file

| | |
|---|---|
| 1 | 1 Label name |
| (3) | |
| 4 | 2 Label number |
| 5 | |
| (17) | 3 File name |
| 22 | |
| (6) | 4 File serial number |
| 28 | |
| (4) | 5 Volume sequence number |
| 32 | |
| (4) | 6 File sequence number |
| 36 | |
| (4) | 7 Generation number |
| 40 | |
| (2) | 8 Version number |
| 42 | |
| (6) | 9 Creation date |
| 48 | |
| (6) | 10 Expiry date |
| 54 | 11 Security indicator |
| (6) | 12 Block count |
| 61 | |
| (13) | 13 System code |
| 74 | |
| (7) Reserved | |
| 80 | |

**Standard format for the first header and trailer labels for a file**
Refer to Figure 3.

1    *Label name.* There are two kinds of label names

- 'HDR' Header label

- 'EOF' Trailer label (end of data set).

2    *Label number.* Sequence number of this label; always '1' in this case.

3    *File name.* Seventeen character left justified data set name. When less than seventeen characters, padded on right with blanks.

4    *File serial number.* Serial number of first volume on which this data exists.

5    *Volume sequence number.* Sequence number for a data set on one or more volumes. Volume sequence number is always '0001' for a single volume.

6    *File sequence number.* Relative position of each data set on the volume ranges through (0001-9999). This is relative to the first volume.

7    *Generation number.* Blank.

8    *Version number.* Blank.

9    *Creation date.* Indicates year and day the data set was created

byyddd              b                Blank
                    yy               Last two digits of the calendar year (00-99)
                    ddd              Day in the year (001-366).

10   *Expiry date.* Indicates year and date until which the data set is protected from deletion. Same format as the creation date. Field is character '0' if not specified, and the protection interval is null.

11   *Security indicator.* Set to '0' (unprotected).

12   *Block count.* Total number of data blocks in the data set. Stored in the trailer label (EOF1 or EOV1); always '0' in the header label (HDR1).

13   *System code.* Identifier for the system that created the data set. Always 'FACOM OSIV / F4' (13 bytes) for reels created on this operating system.

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**Figure 4.   Second standard header or trailer label for a file**



| | |
|---|---|
| 1 | Label name |
| 2 | Label number |
| 3 | Record format |
| 4 | Block length |
| 5 | Record length |
| 6 | Recording density |
| 7 | Volume status |
| 8 | Job/step name |
| 9 | Recording mode |
| 10 | Control character |
| 11 | Reserved |
| 12 | Blocking attribute |
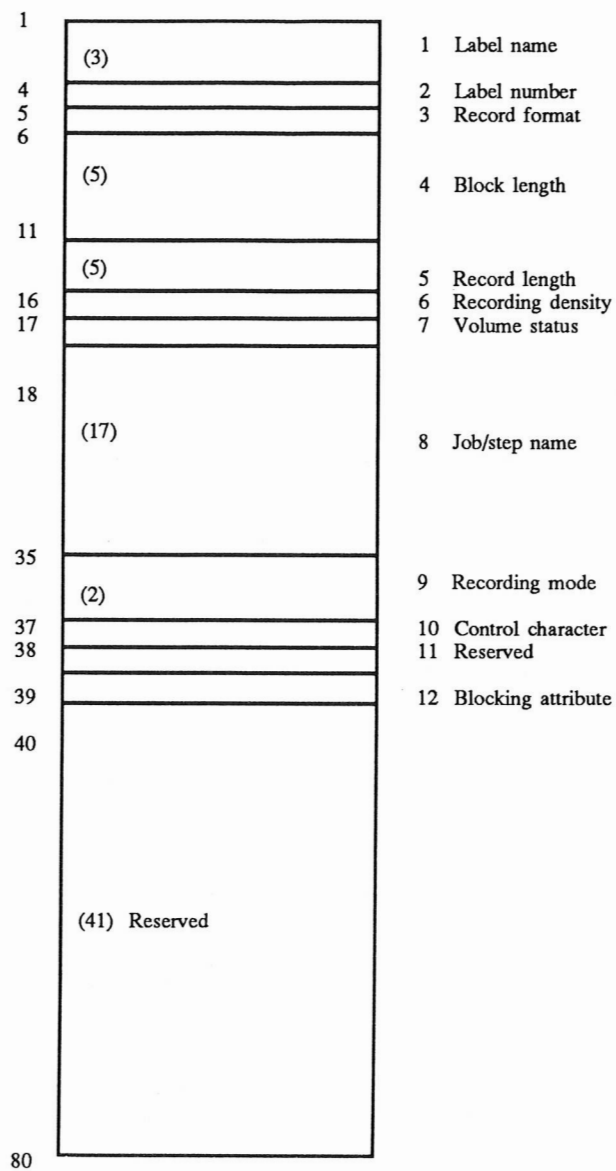
Note: Reserved – All blank

**Standard format for the second header and trailer labels for a file**
Refer to Figure 4.

1        *Label name.* There are two kinds of label names.

       •   'HDR' Header label

       •   'EOF' Trailer label (end of data set).

2        *Label number.* Sequence number of this label; always '2' in this case.

3        *Record format.*

| | |
|---|---|
| F | Fixed length |
| V | Variable length |
| U | Undefined length. |

4        *Block length.*

| | | |
|---|---|---|
| F | format | Block length (integer multiple of record length) |
| V | format | Maximum block length (including BDW) |
| U | format | Maximum block length. |

5        *Record length.*

| | | |
|---|---|---|
| F | format | Logical record length |
| V | format | Maximum logical record length (including RDW) |
| U | format | Always '0'. |

6        *Recording density.*

| | |
|---|---|
| 3 | 63 RPmm (1600 BPI) (9 track) |
| 4 | 246 RPmm (6250 BPI) (9 track). |

7        *Volume status.*

| | |
|---|---|
| 0 | First (or only) volume for this data set. |

8        *Job and step names.* Job name (eight characters) and step name (eight characters) delimited by '/' when the data set was created.

9        *Recording mode.* Blank.

10       *Control character.*

| | |
|---|---|
| A | ANSI control characters |
| C | FACOM control characters |
| M | Machine control characters |
| blank | No control characters. |

11       *Unused field (blanks).*

12       *Blocking attribute.*

| | |
|---|---|
| B | Blocked records |
| S | Spanned records |
| R | Blocked spanned records |
| blank | Unblocked unspanned records. |

**Section B — Australian Standard Labels (ANSI )**
ANSI labels have basically the same format as FACOM standard labels. There are some differences in positions of fields in VOL1 and HDR1. HDR3 and subsequent header labels are not used. All ANSI labels and data are recorded in ASCII code at a recording density of 63 RPmm (1600 BPI) or 246 RPmm (6250 BPI).

**Figure 5.   ANSI volume label**
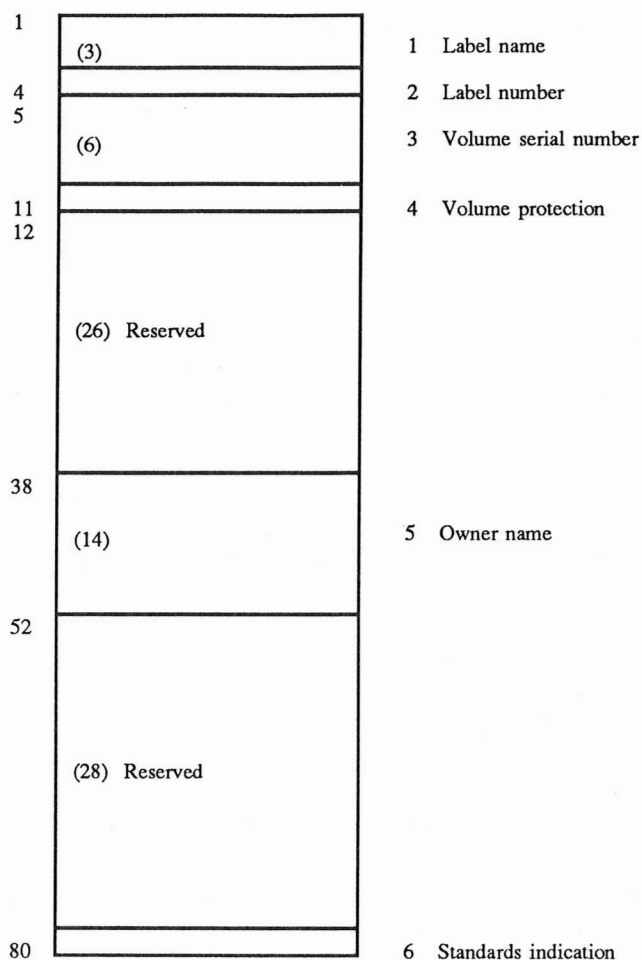


**ANSI volume label format**
Refer to Figure 5.

1   *Label name.* Indicates that the label is a volume label. Always 'VOL'.

2   *Label number.* Sequence number of the volume label. There is only one volume label for an ANSI standard label reel; hence, its sequence number is always '1'.

3   *Volume serial number.* One to six ANSI characters. Used to cite a specific volume.

4   *Volume protection.* This field is an ANSI 'space' character.

5   *Owner name.* Arbitrary name of at most 14 ANSI characters. This field is left blank if no owner name was specified when the file was created.

6   *Standards indication.* This field is set to '1'.

**Figure 6. First ANSI header and trailer label for a data set**

| Bytes | Field | # | Description |
|---|---|---|---|
| 1 | (3) | 1 | Label name |
| 4 | | 2 | Label number |
| 5 | (17) | 3 | File name |
| 22 | (6) | 4 | File serial number |
| 28 | (4) | 5 | Volume sequence number |
| 32 | (4) | 6 | File sequence number |
| 36 | (4) | 7 | Generation number |
| 40 | (2) | 8 | Version number |
| 42 | (6) | 9 | Creation date |
| 48 | (6) | 10 | Expiry date |
| 54 | | 11 | Security indicator |
| | (6) | 12 | Block count |
| 61 | (13) | 13 | System code |
| 74 | (7) Reserved | | |
| 80 | | | |

**ANSI format for the first header and trailer labels for a file**
Refer to Figure 6.

The contents of the fields 1-13 in Figure 6 are the same as those of the FACOM standard label (see Figure 3) except for field 11, 'Security indicator'.

(11) *Security indicator*. Blank

**ANSI format for the second header and trailer labels for a file**
Same as FACOM standard labels.

**Other labels**
File labels 3-9 (HDR3-HDR9, EOF3-EOF9) are not created by the ABS.

# APPENDIX C

## RECORD STRUCTURE FOR UNIT RECORD TAPE

| Field label | Range of codes |
| --- | --- |
| **PERSON RECORD** | |
| DATA ITEM GROUP: DEMOGRAPHIC CHARACTERISTICS | |
| Migrants who arrived in Australia after 1970 aged 18 and over (excluding boarding school pupils) | 0-1 |
| Persons aged 15 and over (excluding boarding school pupils) | 0-1 |
| | |
| DATA ITEM GROUP: GEOGRAPHIC ITEMS | |
| * State | 1-6 |
| | |
| DATA ITEM GROUP: IDENTIFYING ITEMS | |
| Record identifier (random) | 1-99999 |
| Weight (to be divided by 10000) | 0-99999999 |
| | |
| DATA ITEM GROUP: LABOUR FORCE | |
| Full-time or part-time status at September 1990 | 0-2 |
| Labour force status | 0-3 |
| * Main source of income at September 1990 | 0-5 |
| * Occupation at September 1990 | 0-10 |
| * Occupation just before migration | 0-9 |
| Status of worker at September 1990 | 0-6 |
| * Whether occupation before migration same as occupation at September 1990 | 0-13 |
| Whether worked full-time or part-time just before migration | 0-3 |
| | |
| DATA ITEM GROUP: MIGRATION | |
| Educational attainment on arrival | 0-8 |
| Highest qualification gained since arrival | 0-4 |
| Migrant summary variable | 0-6 |
| Migration category | 0-6 |
| Sponsorship category | 0-18 |
| Whether had brothers/sisters (in-law) arrive with migrant | 0-2 |
| Whether had brothers/sisters (in-law) in Australia before migration | 0-2 |
| Whether had children arrive with migrant | 0-2 |
| Whether had children in Australia before migration | 0-2 |
| Whether had family arrive with migrant | 0-2 |
| Whether had family in Australia before migration | 0-2 |
| Whether had fiance/fiancee arrive with migrant | 0-2 |
| Whether had fiance/fiancee in Australia before migration | 0-2 |
| Whether had other family arrive with migrant | 0-2 |
| Whether had other family in Australia before migration | 0-2 |
| Whether had parents (in-law) arrive with migrant | 0-2 |
| Whether had parents (in-law) in Australia before migration | 0-2 |
| Whether had partner arrive with migrant | 0-2 |
| Whether had partner in Australia before migration | 0-2 |
| Whether had uncle/aunt arrive with migrant | 0-2 |
| Whether had uncle/aunt in Australia before migration | 0-2 |
| | |
| DATA ITEM GROUP: PERSON DESCRIPTION | |
| * Age at September 1990 | 1-8 |
| * Age on arrival | 0-7 |
| * Birthplace | 0-15 |
| * Birthplace (2) | 0-2 |
| Family status | 1-10 |
| Sex | 1-2 |
| Marital status | 1-2 |
| * Place of last residence | 0-15 |
| Relationship of place of last residence to birthplace | 0-2 |
| * Year of arrival | 0-5 |

* The detail for this item has been reduced to preserve the confidentiality of individuals.

## APPENDIX D

## AGGREGATED VARIABLES ON UNIT RECORD FILE

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### PERSON RECORD

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**ALL PERSONS AGED 15 AND OVER**

Status of worker at September 1990
    Not applicable
    Employers
    Self-employed
    Wage and salary workers
    Unpaid family helpers
    Unemployed
    Not in the labour force

Full-time or part time status at September 1990
    Not applicable
    Employed
    Full-time
    Part-time
    Unemployed
    Not in the labour force

Family status
    Husband or wife - with dependents present
    Husband or wife - without dependents present
    Sole parent
    Other family head
    Full-time student aged 15-24
    Other child of family head
    Not a member of a family - living alone
    Not a member of a family - not living alone
    Family status not determined

Sex
    Male
    Female

Marital status
    Married
    Not-married

Migrant summary variable
    Not applicable
    Born in Australia
    Born outside Australia - aged 15-17 at September 1990
    Born outside Australia - aged less than 18 on arrival
    Born outside Australia - arrived in or before 1970
    Born outside Australia - arrived after 1970, temporary
     resident
    Born outside Australia - arrived after 1970, permanent
     resident

State
    New South Wales
    Victoria
    Queensland
    South Australia
    Western Australia
    Rest of Australia

Age at September 1990
    Not applicable
    15-17
    18-24
    25-34
    35-44
    45-54
    55-59
    60-64
    65 and over

**MIGRANTS AGED 18 AND OVER**

Educational attainment on arrival
    Not applicable
    Degree
    Trade qualification/apprenticeship
    Certificate or diploma, and other qualifications
    Without post school qualifications on arrival
    - age left school 18 and over
            16 and 17
            14 and 15
            under 14
            never attended school

Highest qualification gained since arrival
    Not applicable
    Degree
    Trade qualification/apprenticeship
    Certificate or diploma, and other qualifications
    Had not gained a qualification since arrival

Age on arrival
    Not applicable
    18-24
    25-34
    35-44
    45-54
    55-59
    60-64
    65 and over

Migration category
    Not applicable
    New Zealander
    Principal applicant
    Partner of principal applicant
    Other applicant
    No application form completed
    Did not know

Occupation just before migration
    Not applicable
    Managers and administrators
    Professionals
    Para-professionals
    Tradespersons
    Clerks
    Salespersons and personal service workers
    Plant and machine operators, and drivers
    Labourers and related workers
    Did not have a job just before migration

## APPENDIX D

### AGGREGATED VARIABLES ON UNIT RECORD FILE—*continued*

#### PERSON RECORD

Occupation at September 1990
  Not applicable
  Managers and administrators
  Professionals
  Para-professionals
  Tradespersons
  Clerks
  Salespersons and personal service workers
  Plant and machine operators, and drivers
  Labourers and related workers
  Unemployed
  Not in the labour force

Whether occupation before migration same as
occupation September 1990
  Not applicable
  Had job before migration
  Employed September 1990
  Same occpation
  - Managers and administrators
  - Professionals
  - Para-professionals
  - Tradespersons
  - Clerks
  - Salespersons and personal service workers
  - Plant and machine operators, and drivers
  - Labourers and related workers
  Changed occupation major groups
  Occupation not determined
  Unemployed at September 1990
  Not in the labour force at September 1990
  Did not have a job just before migration

Whether had family arrive with migrant
  Not applicable
  Had family arrive with migrant
  Did not have family arrive with migrant

Whether had children arrive with migrant
  Not applicable
  Had children arrive with migrant
  Did not have children arrive with migrant

Whether had partner arrive with migrant
  Not applicable
  Had partner arrive with migrant
  Did not have partner arrive with migrant

Whether had brothers/sisters (in-law) arrive with migrant
  Not applicable
  Had brothers/sisters (in-law) arrive with migrant
  Did not have brothers/sisters (in-law) arrive with migrant

Whether had parents (in-law) arrive with migrant
  Not applicable
  Had parents (in-law) arrive with migrant
  Did not have parents (in-law) arrive with migrant

Whether had fiance/fiancee arrive with migrant
  Not applicable
  Had fiance/fiancee arrive with migrant
  Did not have fiance/fiancee arrive with migrant

Whether had uncle/aunt arrive with migrant
  Not applicable
  Had uncle/aunt arrive with migrant
  Did not have uncle/aunt arrive with migrant

Whether had other family arrive with migrant
  Not applicable
  Had other family arrive with migrant
  Did not have other family arrive with migrant

Whether had family in Australia before migration
  Not applicable
  Had family in Australia before migration
  Did not have family in Australia before migration

Whether had children in Australia before migration
  Not applicable
  Had children in Australia before migration
  Did not have children in Australia before migration

Whether had partner in Australia before migration
  Not applicable
  Had partner in Australia before migration
  Did not have partner in Australia before migration

Whether had brothers/sisters (in-law) in Australia before migration
  Not applicable
  Had brothers/sisters (in-law) in Australia before migration
  Did not have brothers/sisters (in-law) in Australia before migration

Whether had parents (in-law) in Australia before migration
  Not applicable
  Had parents (in-law) in Australia before migration
  Did not have parents (in-law) in Australia before migration

Whether had fiance/fiancee in Australia before migration
  Not applicable
  Had fiance/fiancee in Australia before migration
  Did not have fiance/fiancee in Australia before migration

Whether had uncle/aunt in Australia before migration
  Not applicable
  Had uncle/aunt in Australia before migration
  Did not have uncle/aunt in Australia before migration

# APPENDIX D

## AGGREGATED VARIABLES ON UNIT RECORD FILE—*continued*

### PERSON RECORD

Whether had other family in Australia before migration
    Not applicable
    Had other family in Australia before migration
    Did not have other family before migration

Main source of income at September 1990
    Not applicable
    Wage or salary
    Government pension or cash benefit
    Own business or share in partnership
    Other
    Nil income

Migrants who arrived in Australia after 1970
    Not applicable
    Population 2

Birthplace (1)
    Not applicable
    Africa
    USA and Canada
    Other countries in America
    India and Malaysia
    Viet Nam
    Lebanon and Turkey
    Other countries in Asia
    Germany and Poland
    Greece
    Italy
    United Kingdom and Ireland
    Yugoslavia
    Other countries in Europe
    Oceania - New Zealand
    Other countries in Oceania

Birthplace (2)
    Not applicable
    Main English speaking countries
    Other countries

Year of arrival
    Not applicable
    Arrived 1971-1975
    Arrived 1976-1980
    Arrived 1981-1985
    Arrived 1986-1988
    Arrived 1989-1990

Place of last residence (1)
    Not applicable
    Africa
    USA and Canada
    Other countries in America
    India and Malaysia
    Viet Nam
    Lebanon and Turkey
    Other countries in Asia
    Germany and Poland
    Greece
    Italy
    United Kingdom and Ireland
    Yugoslavia
    Other countries in Europe
    Oceania - New Zealand
    Other countries in Oceania

Place of last residence (2)
    Not applicable
    Main English speaking countries
    Other countries

Relationship of last place of residence to birthplace
    Not applicable
    Country of last residence different to birthplace
    Country of last residence same as birthplace

Sponsorship category
    Not applicable
    New Zealander
    Principal applicant
    Refugee
    Sponsored by concessional family
    Sponsored by other family
    Sponsored by employer
    Sponsored by other organisation
    Did not know sponsorship status
    Unsponsored migrants
    Partner of principal applicant
    Refugee
    Sponsored by family
    Sponsored by employer
    Sponsored by other organisation
    Did not know sponsorship status
    Unsponsored migrants
    Arrived with principal applicant
    Other
    No application form completed
    Don't know

Whether worked full-time or part-time just before migration
    Not applicable
    Full-time
    Part-time
    Did not have a job just before migration

# APPENDIX E

## UNIT RECORD FILE ORDER FORMS

### A guide to completing unit record file (magnetic tape) order forms

Form MIG/1 is used for ordering the Labour Force and Other Characteristics of Migrants Survey unit record file on magnetic tape and should be completed with the assistance of someone with technical knowledge of the computer system to be used to process the files. You are required to sign the order form (MIG/1), which contains details of the files and your tape labelling requirements etc.

2. You must also ensure that the Undertaking (MIG/2) made in pursuance of subclause 7(1) under the *Census and Statistics Act 1905*, in which you undertake to use the data on the files for statistical purposes only, is signed by someone authorised to sign legal documents on behalf of your organisation and that a copy is retained by your organisation. Please ensure that the name of your organisation and the date of your request are provided. No orders will be processed unless the order form and Undertaking are fully completed and signed.

3. There are two pricing levels associated with the files: one for 'secondary providers' of ABS data, the second for other users. The term 'secondary provider' applies to any person or organisation obtaining standard products on magnetic tape or floppy disk, or on any media from ABS special data base interrogation services or special computer based services, and who then sells products to a third party where the major component of such products is statistical data obtained from the ABS. Persons or organisations preparing consultant or research reports that rely on ABS data are not regarded as secondary providers where research and analysis is the major component of the reports.

4. The current price for obtaining a copy of the September 1990 Labour Force Status and Other Characteristics of Migrants unit record file for statistical purposes is $6000.00. This price includes freight and handling charges to a destination within Australia. Overseas customers are required to pay the appropriate freight charge. The price for 'secondary providers' is negotiable. Please contact Assistant Director, Labour Force Section on Canberra (06) 252 6504.

5. ABS will initialise all magnetic tapes in its Tape Management System with the details specified by the user on the order form. Labelled tapes will be allocated a volume serial number (VSN) by the ABS. If you are unable to accept an ABS supplied VSN, please contact the Data Base Administrator on Canberra (06) 252 6093.

### Conditions of sale of ABS proprietary products
*Client's order*

6. The Australian Bureau of Statistics (ABS) proprietary products are sold by the Commonwealth of Australia ('the Commonwealth') by and through the ABS. The ABS proprietary products ordered by the Client are specified on form MIG/1. Prices for ABS proprietary products are subject to change without notice.

*Copyright of ABS proprietary products*

7. The following conditions apply:

(a) The Client acknowledges that ABS proprietary products are special, valuable and unique products in which the Commonwealth holds copyright. The Client agrees not to disclose to any third party any information, including specifications, drawings, designs, know-how, or details of software (whether of a commercial or technical nature) in the products, without the prior written consent of the Commonwealth and payment of appropriate additional charges (see (d) below).

(b) In respect of any data in computer readable form or software comprising the products, the Commonwealth authorises the Client to use the said data or software on a non-transferable and non-exclusive basis and to copy any such data or software only for backup purposes.

(c) Copying of data or software for purposes other than backup is prohibited. Discounts for multiple copies and site licenses apply.

(d) As a general principle, nothing in these conditions should prevent the Client from quoting statistical data contained in the products, providing

   (i) that the ABS is cited as the source of the data used;

   (ii) that analysis or transformation of the data is not attributed to the ABS;

   (iii) the terminology used is that used by the ABS for describing data; and

   (iv) the reproduced material is provided free-of-charge to the end-user and there is no likely impact on ABS publication sales. Where permission is sought to utilise Commonwealth copyright material to generate a financial return, the Commonwealth reserves the right to set an appropriate charge or to require an equitable revenue sharing arrangement.

(e) If the Client wishes to deviate from these conditions in any way, the Client must first contact the Director, Publishing and Electronic Dissemination, Australian Bureau of Statistics, Cameron Offices, Chandler Street, Belconnen, ACT 2616. (Phone (06) 252 6101).

*Warranty*

8. Except as provided in paragraph 9

(a) No conditions or warranties, either express or implied, are given or offered for the proprietary products sold pursuant to the Client's order nor does the Commonwealth warrant the suitability of these products for any purpose. The Commonwealth shall not be liable for any damage, injury or loss arising or resulting directly or indirectly from the Client's use of any of these products.

(b) Neither the Commonwealth or the ABS nor their servants or agents shall be liable to the Client for any loss or damage arising or resulting directly or indirectly from any statement, information or advice made or given, whether negligently or otherwise, in relation to any product, its compilation or production, or the use to which it is intended to be put and without limiting the generality of the foregoing, any liability for faulty material or inaccuracies in the basic data or the physical condition of the product is expressly negated.

(c) Where the data is provided by the ABS on magnetic tape or disk, utmost care will be taken in preparing and handling each tape or disk. However, deterioration may occur between the time of copy and the Client's receipt of the tape or disk. Accordingly, if the tape or disk is unreadable on receipt, and this is reported to the ABS within 28 days of dispatch, it will be recopied free of charge. As an added precaution you are advised to take at least one security copy of the tape or disk on receipt.

*Limitation of liability of the Commonwealth*

9. The liability of the Commonwealth in respect of any damage, injury or loss suffered from the use of any of the proprietary products shall be limited to:

(a) the replacement of the product or the supply of an equivalent product; or

(b) an amount not exceeding $100 for any claim arising out of or in connection with the relationship established by this Agreement.

*Applicable law*

10. This Agreement shall be construed in accordance with the law of the Australian Capital Territory and the parties submit to the jurisdiction of the courts of that Territory.

**Ordering procedure**

(i) Forward the signed order form (MIG/1) and the Undertaking (MIG/2) with your crossed cheque for the appropriate amount to:

Assistant Director
Labour Force Section
The Australian Bureau of Statistics
PO Box 10
BELCONNEN  ACT  2616

(ii) All cheques should be made payable to The Collector of Public Moneys.

**Further information**

11. If you have any queries about this service, please telephone or write to:

Assistant Director
Labour Force Section
The Australian Bureau of Statistics
PO Box 10
BELCONNEN  ACT  2616

Telephone (06) 252 6504

## SEPTEMBER 1990 LABOUR FORCE STATUS AND OTHER CHARACTERISTICS OF MIGRANTS SURVEY UNIT RECORD FILE

### MIG/1 ORDER FORM

To:

Assistant Director
Labour Force Section
The Australian Bureau of Statistics
PO Box 10
BELCONNEN ACT 2616

1.  Supply me with the MIG unit record file on magnetic tape at the current price ($6000.00).

2.  I require the following tape formats. (The ABS recommends that you consult with your computer services area to establish your tape options.)

|     |                              |                                          |
|-----|------------------------------|------------------------------------------|
| (a) | TICK ONE<br>COPYING<br>OPTION | ☐ ANSI LABELS and ASCII CODE SET         |
|     |                              | ☐ FACOM LABELS and EBCDIC CODE SET       |
|     |                              | ☐ UNLABELLED and ASCII CODE SET          |
|     |                              | ☐ UNLABELLED and EBCDIC CODE SET         |

|     |                        |                        |
|-----|------------------------|------------------------|
| (b) | RECORDING<br>DENSITY   | ☐ 63 RPmm (1600 BPI)   |
|     |                        | ☐ 246 RPmm (6250 BPI)  |

|     |                  |                                |
|-----|------------------|--------------------------------|
| (c) | EXPIRY<br>DATE   | ☐ Permanent protection         |
|     |                  | ☐ Default 30 day protection    |
|     | [          ]     | Other (YYDDD)                  |

(d) VOLUME SERIAL NUMBER
Can you accept an ABS supplied VSN? ☐ Yes

[          ] No
ENTER your VSN for VOL1 label.

IMPORTANT: Please phone
the Data Base Administrator,
Canberra, (06) 252 6093
before entering your VSN.

| ABS USE ONLY |     |               |                     |
|--------------|-----|---------------|---------------------|
| Tape number  | VSN | Indent number | Date order received |
|              |     |               |                     |

3. Courier the tape(s) to:
or, phone to arrange collection:

Name...........................................................................................................................................

Position.......................................................................................................................................

Organisation................................................................................................................................

Address.......................................................................................................................................

.....................................................................................................Postcode............................

Telephone (           )........................................................

4. The order may be collected, in person, from the ABS Inquiry Desk, Wing 5, Chandler Street entrance, Cameron Offices, Belconnen, ACT.

5. If we have any technical queries about your order, whom do we contact?

Name...........................................................................................................................................

Position.......................................................................................................................................

Telephone (           )........................................................

6. Are you going to be providing data from this product to other people? If so, you may need to pay our licence fee. Contact The Director, Information Consultancy (06) 252 7422 to discuss your options/usage. Then, if the term 'secondary provider' applies to you or your organisation, please complete Section A (on page 20). Otherwise, complete Section B (on page 20). For the definition of 'secondary provider' see paragraph 3 of Appendix E on page 16.

7. A crossed cheque (No.......................................................) for $...................... payable to the Collector of Public Moneys is attached.

8. If you prefer to pay by credit card, complete the following:

Bankcard ☐     Mastercard ☐     Visa ☐     for $..............................

Card number: |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Name on card............................................................................................................................

Expiry date...............................Signature.............................................................................

Telephone (           )...........................................Date.......................................................

**SECTION A. (To be completed by secondary providers)**

NOW I,...............................................................................................................................................................
<div align="center">(Full name and position)</div>

in the....................................................................................................................................................................
<div align="center">(Name of department or organisation)</div>

HEREBY CONSIDER that I/the Department/the organisation, fit/s into the category of 'secondary provider' as defined in paragraph 3, Appendix E and agree to the Conditions of Sale set out in paragraphs 6 to 10 inclusive of Appendix E on pages 16 and 17.

Dated this.......................day of............................................................................................19...............................

Signature. ..........................................................................................................................................................

**SECTION B. (To be completed by non-secondary providers)**

NOW I,...............................................................................................................................................................
<div align="center">(Full name and position)</div>

in the. ..................................................................................................................................................................
<div align="center">(Name of department or organisation)</div>

HEREBY CONSIDER that I/the Department/the organisation do/does not fit into the category of 'secondary provider', as defined in paragraph 3, Appendix E and I undertake that I/the Department/the organisation will not pass the data on, in any form, to a third party without the prior approval of the ABS, and agree to the Conditions of Sale set out in paragraphs 6 to 10 inclusive of Appendix E on pages 16 and 17.

Dated this.......................day of............................................................................................19...............................

Signature ...........................................................................................................................................................

<div align="center">NOTE:  THE UNDERTAKING (MIG/2) ON THE FOLLOWING PAGE MUST BE FULLY<br>COMPLETED AND RETURNED WITH THIS ORDER FORM.</div>

**MIG/2**

# APPENDIX F

THE UNDERTAKING

SEPTEMBER 1990 LABOUR FORCE STATUS AND OTHER CHARACTERISTICS OF
MIGRANTS SURVEY UNIT RECORD FILE
UNDERTAKING MADE IN PURSUANCE OF SUB-CLAUSE 7(1) OF THE DETERMINATION
UNDER THE *CENSUS AND STATISTICS ACT 1905* (STATUTORY RULES 1983, NO. 19)

WHEREAS

(A)

Subsection 13(1) of the *Census and Statistics Act 1905* ('the Act') provides for the
Minister for the time being administering the Act to make by instrument in writing
determinations providing for and in relation to the disclosure with the approval in writing
of the Australian Statistician ('the Statistician') of information included in a specified
class of information furnished in pursuance of the Act;

(B)

On 16 February 1983 the Minister of State for Veterans' Affairs acting for and on behalf
of the Treasurer (the latter being the Minister at that time administering the Act) made a
determination ('the determination') being No. 19 of Statutory Rules 1983);

(C)

Sub-clause 7(1) of the determination permits upon the terms therein specified disclosure
of information, if the Statistician has been given an undertaking of the type specified in
sub-clause 7(2) of the determination ('undertaking')

NOW I.................................................................................................................................................
(Full name and position)

in the.................................................................................................................................................
(Name of Department or organisation)

HEREBY UNDERTAKE that I/the Department/the organisation, will use the unidentified individual
September 1990 Labour Force Status and Other Characteristics of Migrants Survey records provided
by the Australian Statistician for statistical purposes only. (See paragraph 18 on page 2 of this
publication for clarification).

Dated this..............................day of...............................................................................19........................

Signature...........................................................................................................................................

Name of Signatory............................................................................................................................

Position of Signatory........................................................................................................................

## CLAUSE 7, STATUTORY RULES 1983, NO. 19

**Disclosure of unidentified information**

7(1) Information in the form of individual statistical records may, with the approval in writing of the Statistician, be disclosed where—

    (a)   all identifying information such as name and address has been removed;

    (b)   the information is not likely to enable the identification of the particular person or organisation to which it relates; and

    (c)   the Statistician has been given a relevant undertaking for the purposes of this clause.

    (2) A reference in paragraph (1)(c) to a relevant undertaking shall be read as a reference to an undertaking in writing by—

    (a)   in the case of information to be disclosed to a person, being an individual — that person;

    (b)   in the case of information to be disclosed to an official body — the responsible Minister in relation to, or a responsible officer of, that official body; or

    (c)   in the case of information to be disclosed to an organisation other than an official body — a responsible officer of that organisation,

that the information will be used for statistical purposes only.

## SUBSECTIONS 13(1) AND (2), *CENSUS AND STATISTICS ACT 1905*

**Release of information**

13(1) Notwithstanding anything in this Act (other than this section), the Minister may, by instrument in writing, make determinations providing for and in relation to the disclosure, with the approval in writing of the Statistician, of information included in a specified class of information furnished in pursuance of this Act.

    (2) Without limiting the generality of sub-section (1), determinations may make provision—

    (a)   as to the person to whom the information may be disclosed;

    (b)   as to the persons, being the persons from whom the information has been obtained, whose consent is required for the disclosure of the information; and

    (c)   specifying terms and conditions subject to which the information may be disclosed, including, but without limiting the generality of the foregoing, terms and conditions as to the requiring of a person to whom the information is, or is to be, disclosed to give an undertaking, in writing with respect to the disclosure of the information by that person, including an undertaking not to disclose any of the information to any person.

## SECTION 19 (2), *CENSUS AND STATISTICS ACT 1905*

    (2) A person who contravenes sub-section (1) or fails to comply with an undertaking of the kind referred to in paragraph 13(2)(c) given by him in relation to information disclosed to him in accordance with a determination is guilty of an indictable offence punishable on conviction by a fine not exceeding $5,000 or imprisonment for a period not exceeding 2 years, or both.

## SUPPLEMENTARY AND SPECIAL SURVEYS

The supplementary and special surveys collect data on particular aspects of the labour force. It may be possible to order Unit Record Tapes on the following supplementary and special surveys by contacting the ABS.

| Title of Publication | Catalogue No. |
|---|---|
| Alternative Working Arrangements, Australia, March to May 1982, September to November 1986 | 6341.0 |
| Annual and Long Service Leave Taken, Australia, May 1988 to April 1989 | 6317.0 |
| Career Paths of Persons with Trade Qualifications, Australia, 1989 | 6243.0 |
| Career Paths of Qualified Nurses, Australia, 1989 | 6277.0 |
| Child Care, Australia-May 1969, 1973, 1977; June 1980; November 1984; June 1987 | 4402.0 |
| Employment Benefits, Australia. Annually. Latest issue August 1990 | 6334.0 |
| How Workers Get Their Training, Australia, 1989 | 6278.0 |
| Income Distribution Survey, Australia, Persons with Earned Income, 1986 | 6546.0 |
| Job Search Experience of Unemployed Persons, Australia. Two-yearly. Latest issue July 1990 | 6222.0 |
| Labour Force Experience, Australia. Annually. Latest issue March 1990 | 6206.0 |
| Labour Force Status and Educational Attainment, Australia. Annually. Latest issue February 1991 | 6235.0 |
| Labour Force Status and Educational Attendance, Australia. Latest issue September 1990 | 6272.0 |
| Labour Force Status and Other Characteristics of Families, Australia. Annually. Latest issue June 1991 | 6224.0 |
| Labour Force Status and Other Characteristics of Migrants, Australia, September 1990 | 6250.0 |
| Labour Mobility, Australia. Annually. Latest issue February 1991 | 6209.0 |
| Multiple Jobholding, Australia. Four-yearly. Latest issue August 1987 | 6216.0 |
| Persons Employed at Home, Australia, April 1989 | 6275.0 |
| Persons Not in the Labour Force, Australia. Annually. Latest issue September 1990 | 6220.0 |
| Persons Who Had Re-entered the Labour Force, Australia, May 1985, May 1987, May 1990 | 6264.0 |
| Persons Who Have Left the Labour Force, Australia, November 1985, April 1988, April 1991 | 6267.0 |
| Retirement and Retirement Intentions, Australia, November 1989 | 6238.0 |
| Successful and Unsuccessful Job Search Experience, Australia, July 1990 | 6245.0 |
| Superannuation, Australia, February 1974, September to November 1982, November 1988 | 6319.0 |
| Trade Union Members, Australia. Two-yearly. Latest issue August 1990 | 6325.0 |
| Transition From Education to Work, Australia. Annually. Latest issue May 1991 | 6227.0 |
| Underemployed Workers, Australia, May 1988 | 6265.0 |
| Weekly Earnings of Employees (Distribution), Australia. Annually. Latest issue August 1990 | 6310.0 |
| Working Hours Arrangements, Australia, February-May 1981 | 6338.0 |
| Working Hours Arrangements-Supplementary Tables, Australia, February-May 1981 | 6339.0 |

# APPENDIX G

## CONTACT DETAILS FOR ABS OFFICES

### NEW SOUTH WALES

Information Services
Australian Bureau of Statistics
3rd Floor, St Andrew's House
Sydney Square
Sydney NSW 2000

(Box 796, GPO Sydney 2001)

| | |
|---|---|
| Phone | (02) 268 4611 |
| FAX | (02) 264 7527 |

### SOUTH AUSTRALIA

Information Services
Australian Bureau of Statistics
41 Currie Street
Adelaide SA 5000

(Box 2272, GPO Adelaide 5001)

| | |
|---|---|
| Phone | (08) 237 7100 |
| FAX | (08) 237 7566 |

### VICTORIA

Information Services
Australian Bureau of Statistics
Level 5, Rialto North Tower
525 Collins Street
Melbourne VIC 3001

(Box 2796Y, GPO Melbourne 3001)

| | |
|---|---|
| Phone | (03) 615 7000 |
| FAX | (03) 615 7798 |

### TASMANIA

Information Services
Australian Bureau of Statistics
1st Floor,
175 Collins Street
Hobart TAS 7001

(Box 66A, GPO Hobart 7001)

| | |
|---|---|
| Phone | (002) 20 5800 |
| FAX | (002) 20 5824 |

### QUEENSLAND

Information Services
Australian Bureau of Statistics
313 Adelaide Street
Brisbane QLD 4000

(Box 9817, GPO Brisbane 4001)

| | |
|---|---|
| Phone | (07) 222 6351 |
| FAX | (07) 229 6042 |

### NORTHERN TERRITORY

The Statistician-Northern Territory
Australian Bureau of Statistics
6th Floor, MCL Building
81 Smith Street
Darwin NT 0801

(Box 3796, PO Darwin 3796)

| | |
|---|---|
| Phone | (089) 81 3456 |
| FAX | (089) 81 1218 |

### WESTERN AUSTRALIA

Information Services
Australian Bureau of Statistics
Level 1, Hyatt Centre
30 Terrace Road
East Perth WA 6004

(Box K881, GPO Perth 6001)

| | |
|---|---|
| Phone | (09) 323 5140 |
| FAX | (09) 221 2374 |

### AUSTRALIAN CAPITAL TERRITORY

Information Services
Australian Bureau of Statistics
Unit 5
Cameron Offices
Belconnen ACT 2617

(PO Box 10, Belconnen ACT 2616)

| | |
|---|---|
| Phone | (06) 252 6627 |
| FAX | (06) 253 1404 |

**Australian Bureau of Statistics**

# For more information ...

The ABS publishes a wide range of information on Australia's economic and social conditions. A catalogue of publications and products is available from any of our Offices (see below for contact details).

## Information Consultancy Service

Special tables or in-depth data investigations are provided by the ABS Information Consultancy Service in each of our Offices (see below for contact details).

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A growing range of our data are available on electronic media. Selections of the most frequently requested data are available, updated daily, on DISCOVERY (Key *656#). Our TELESTATS service delivers major economic indicator publications ready to download into your computer on the day of release. Our PC-AUSSTATS service enables on-line access to a data base of thousands of up-to-date time series. Selected datasets are also available on diskette or CD-ROM. For more details on our electronic data services, contact Information Services in any of our Offices on the numbers below.

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PERTH (09) 323 5140

ADELAIDE (08) 237 7100
HOBART (002) 20 5800
DARWIN (089) 81 3456
CANBERRA (06) 252 6627

✉

Information Services, ABS, PO Box 10, Belconnen ACT 2616
or any ABS State office.

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